OIPE JC17 MAR 25 2004 PATENT & TRADEMARK OFFICE

IN THE UNITED STATE PATENT AND TRADEMARK OFFICE

In re Application of: Clement Hiel	)	
Serial No.: 10/692304	)	
Filed: 10/23/2003	)	Art Unit: 2833
For: ALUMINUM CONDUCTOR	)	Examiner: Not yet Assigned
COMPOSITE CORE REINFORCED CABLE	)	
AND METHOD OF MANUFACTURE	)	

Commissioner for Patents
P.O. Box 1450
Alexandra, VA 22313-1450

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT WITHIN THREE MONTHS OF FILING DATE OR BEFORE MAILING OF FIRST OFFICE ACTION

Sir:

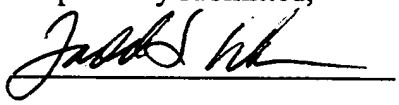
In accordance with 37 C.F.R. § 1.56, the materials listed on the attached form PTO-1449 are being brought to the attention of the Examiner for consideration in connection with the examination of the above-identified patent application.

The information disclosure statement submitted herewith is being filed before the first office action in the above-identified application.

The filing of this information disclosure statement shall not be construed to be a representation that a search has been conducted, nor shall it be construed as an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

It is respectfully requested that the Examiner return a copy of the attached form PTO-1449 with initials or other appropriate marks indication consideration of the cited materials.

Respectfully submitted,



Tadd F. Wilson
Registration No.: 54,544

8000 East Prentice Ave., Suite B-6
Greenwood Village, CO 80111

March 23, 2004

PATENT & TRADEMARK OFFICE
MAR 25 2004
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PTO/SB/08A (04-03)
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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 3

Complete if Known	
Application Number	10/692304
Filing Date	10-23-2003
First Named Inventor	Clement Hiel
Art Unit	2833
Examiner Name	Not yet assigned
Attorney Docket Number	CTC001-3

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Document Number Number-Kind Code[2] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 2002/0189845-A1	12/19/2002	Gorrell	
		US- 3973385	08/10/1976	Roe	
		US- 6528729-B1	03/04/2003	Kamata	
		US- 5122622	06/16/1992	Reuss	
		US- 4763981	08/16/1988	Wilkins	
		US- 4059951	11/29/1977	Roe	
		US- 6568072-B2	05/27/2003	Wilemon	
		US- 3717720	02/20/1973	Snellman	
		US- 6180232-B1	01/30/2001	McCullough	
		US- 5222173	06/22/1993	Bausch	
		US- 3808078	04/30/1974	Snellman	
		US- Re. 32374	03/17/1987	Dey	
		US- 5561729	10/01/1996	Parris	
		US- 4961990	10/09/1990	Yamada	
		US- 6245425-B1	06/12/2001	McCullough	
		US- 6270856-B1	08/07/2001	Hendewerk	
		US- 5296456	03/22/1994	Shiga	
		US- 5917977	06/29/1999	Barrett	
		US- 6423808-B1	07/23/2002	Watanabe	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Foreign Patent Document Country Code[3]-Number[4]-Kind Code[5] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T[6]
		EP0346499B1	05/31/1995	Hagino		
		EP1124235A2	08-16-2001	Goldsworthy		
		EP1168374A2	01/02/2002	Goldsworthy		
		JP1126388A	09/28/1999	Ogata Akimasa		
		WO03/050825A1	06/19/2003	Blucher		

Examiner Signature		Date Considered	

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, Washington, DC 20231.**

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 2 of 3

Complete if Known	
Application Number	10/692304
Filing Date	10-23-2003
First Named Inventor	Clement Hiel
Art Unit	2833
Examiner Name	Not yet assigned
Attorney Docket Number	CTC001-3

U. S. PATENT DOCUMENTS

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		US- 6447927-B1	09/10/2002	McCullough	
		US- 6463198-B1	10/08/2002	Coleman	
		US- 5651081	07/22/1997	Blew	
		US- 5847324	12/08/1998	Farquhar	
		US- 6344270	02/05/2002	McCullough	
		US- 5198621	03/30/1993	Kojima	
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Examiner Signature		Date Considered	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 3 of 3

Complete if Known	
Application Number	10/692304
Filing Date	10-23-2003
First Named Inventor	Clement Hiel
Art Unit	2833
Examiner Name	unknown
Attorney Docket Number	CTC001-3

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
		SUCUMA P. ELLIOT, "HECO puts new composite conductors to the test", Transmission and Distribution World, Jun 1, 2003	
		Office of Industrial Technologies, "Development of a Composite-Reinforced Aluminum Conductor", Dec, 2001	
		Oak Ridge National Laboratory, "Power Grid of the Future", ONRL Review, Vol. 35, No. 2, 2002, web-print	
		Alcoa Conductor Products Company, "T&D Conductors; Overhead; Underground; Building Wire", July 1, 1989, pg. 33	

Examiner Signature		Date Considered	

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